

Amendments to the Claims:

Please cancel claims 1 - 31 without prejudice or disclaimer of the subject matter therein.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 31 (canceled)

32. (new) A recording apparatus of a helical scan system comprising:

a first video head for recording a video signal on a magnetic tape when a running speed of a magnetic tape is a standard speed; and

a second video head for recording said video signal on said magnetic tape when a running speed of said magnetic tape is approximately 1/5 of said standard speed;

wherein said second video head further records said video signal on said magnetic tape when a running speed of said magnetic tape is approximately 1/3 of said standard speed.

33. (new) A recording apparatus of a helical scan system according to Claim 31, wherein a head width of said second video head is equal to a track pitch of said video signal recorded on said magnetic tape when a running speed of said magnetic tape is approximately 1/3 of said standard speed.

34. (new) A recording apparatus of a helical scan system according to claim 31, wherein said recording apparatus includes a video tape recorder of VHS standard.

35. (new) A recording apparatus of a helical scan system according to claim 31, wherein said first video head and said second video head each include a pair of heads, and azimuth angles of respective ones of said pair of heads are tilted in different directions to each other.

36. (new) A recording apparatus of a helical scan system comprising:
a first video head and a second video head, both of said first and second video heads enabling recording of a video signal on a magnetic tape; and
control means for controlling said first video head and said second video head so that said first video head records said video signal by a standard track pitch and said second video head records said video signal by track pitches of approximately 1/3 and approximately 1/5 of said standard track pitch.

37. (new) A recording apparatus of a helical scan system according to Claim 36, wherein a head width of said second video head is approximately 1/3 of said standard track pitch.

38. (new) A recording apparatus of a helical scan system according to claim 36, wherein said recording apparatus includes a video tape recorder of VHS standard.

39. (new) A recording apparatus of a helical scan system according to claim 36, wherein said first video head and said second video head each include a pair of

heads, and azimuth angles of respective ones of said pair of heads are tilted in different directions to each other.

40. (new) A recording apparatus of a helical scan system comprising:

 a first video head and a second video head, both of said first and second video heads enabling recording of a video signal on a magnetic tape;

 an audio head for recording an audio signal on said magnetic tape; and

 selection means for at least selecting between a first recording mode for recording said video signal and said audio signal at a standard track pitch by said first video head and said audio head and a second recording mode for recording said video signal and said audio signal at a track pitch of approximately 1/5 of said standard track pitch by said second video head and said audio head;

 wherein said recording apparatus includes a third recording mode for recording said video signal and said audio signal at a track pitch of approximately 1/3 of said standard track pitch by said second video head and said audio head; and

 wherein said selection means enables selection among said first recording mode, said second recording mode and said third recording mode.

41. (new) A recording apparatus of a helical scan system according to claim 40, wherein said recording apparatus includes a video tape recorder of VHS standard.

42. (new) A recording apparatus of a helical scan system according to claim 40, wherein said first video head and said second video head each include a pair of heads, and azimuth angles of respective ones of said pair of heads are tilted in different directions to each other.

43. (new) A reproducing apparatus of a helical scan system comprising:

 a first video head for reproducing from a magnetic tape a video signal recorded when a running speed of a magnetic tape is a standard speed; and

 a second video head for reproducing from said magnetic tape said video signal recorded when a running speed of said magnetic tape is approximately 1/5 of said standard speed;

 wherein said second video head further enables reproduction from said magnetic tape of said video signal recorded when a running speed of said magnetic tape is approximately 1/3 of said standard speed.

44. (new) A reproducing apparatus of a helical scan system according to Claim 43, wherein a head width of said second video head is equal to a track pitch of said video signal recorded on said tape before reproducing said video signal recorded when a running speed of said magnetic tape is approximately 1/3 of said standard speed.

45. (new) A reproducing apparatus of a helical system according to claim 43, wherein said reproducing apparatus includes a video tape player of VHS standard.

46. (new) A reproducing apparatus of a helical scan system according to claim 43, wherein said first video head and said second video head each include a pair of heads, and azimuth angles of respective ones of said pair of heads are tilted in different directions to each other.

47. (new) A reproducing apparatus of a helical scan system according to claim 46, wherein one of said pair of heads of said first video head and one of said pair of heads of said second video head having said azimuth angles of different directions are disposed adjacent to each other.

48. (new) A reproducing apparatus of a helical scan system according to claim 43, wherein said first video head and said second video head are disposed at 120 degrees delayed with respect to said audio head in a rotation direction.

49. (new) A reproducing apparatus of a helical scan system according to claim 43, further comprising:

recording medium detection means for detecting a kind of said magnetic tape; wherein a running speed of said magnetic tape is set or selected according to a detection result obtained by said recording medium detection means.

50. (new) A reproducing apparatus of a helical scan system comprising:

a first video head and a second video head, both of said first and second video heads enabling reproduction of a video signal from a magnetic tape; and control means for controlling said first video head and said second video head so that said first video head reproduces said video signal recorded by a standard track pitch and said second video head reproduces said video signal recorded by track pitches of approximately 1/3 and approximately 1/5 of said standard track pitch.

51. (new) A reproducing apparatus of a helical scan system according to claim 50, wherein a head width of said second video head is approximately 1/3 of said standard track pitch.

52. (new) A reproducing apparatus of a helical system according to claim 50, wherein said reproducing apparatus includes a video tape player of VHS standard.

53. (new) A reproducing apparatus of a helical scan system according to claim 50, wherein said first video head and said second video head each include a pair of heads, and azimuth angles of respective ones of said pair of heads are tilted in different directions to each other.

54. (new) A reproducing apparatus of a helical scan system according to claim 53, wherein one of said pair of heads of said first video head and one of said pair of heads of said second video head having said azimuth angles of different directions are disposed adjacent to each other.

55. (new) A reproducing apparatus of a helical scan system according to claim 50, wherein said first video head and said second video head are disposed at 120 degrees delayed with respect to said audio head in a rotation direction.

56. (new) A reproducing apparatus of a helical scan system according to claim 50, further comprising:

recording medium detection means for detecting a kind of said magnetic tape;

wherein a running speed of said magnetic tape is set or selected according to a detection result obtained by said recording medium detection means.

57. (new) A reproducing apparatus of a helical scan system comprising:

 a first video head and a second video head, both of said first and second video heads enabling reproduction of a video signal from a magnetic tape;

 an audio head for reproducing an audio signal from said magnetic tape; and

 selection means for at least selecting between a first reproducing mode for reproducing said video signal and said audio signal recorded at a standard track pitch by said first video head and said audio head and a second reproducing mode for reproducing said video signal and said audio signal recorded at a track pitch of approximately 1/5 of said standard track pitch by said second video head and said audio head;

 wherein said reproducing apparatus include a third reproducing mode for reproducing said video signal and said audio signal recorded at a track pitch of approximately 1/3 of said standard track pitch by said second video head and said audio head; and

 wherein said selection means enables selection among said first reproducing mode, said second reproducing mode and said third reproducing mode.

58. (new) A reproducing apparatus of a helical scan system according to Claim 57, wherein said audio head is advanced in a rotational direction with respect to said first video head and said second video head to reproduce said audio signal recorded on said magnetic tape.

59. (new) A reproducing apparatus of a helical system according to claim 57, wherein said reproducing apparatus includes a video tape player of VHS standard.

60. (new) A reproducing apparatus of a helical scan system according to claim 57, wherein said first video head and said second video head each include a pair of heads, and azimuth angles of respective ones of said pair of heads are tilted in different directions to each other.

61. (new) A reproducing apparatus of a helical scan system according to claim 57, wherein one of said pair of heads of said first video head and one of said pair of heads of said second video head having said azimuth angles of different directions are disposed adjacent to each other.

62. (new) A reproducing apparatus of a helical scan system according to claim 57, wherein said first video head and said second video head are disposed at 120 degrees delayed with respect to said audio head in a rotation direction.

63. (new) A reproducing apparatus of a helical scan system according to claim 57, further comprising:

recording medium detection means for detecting a kind of said magnetic tape; wherein a running speed of said magnetic tape is set or selected according to a detection result obtained by said recording medium detection means.